

1811-0021DIV

In the claims:

Please amend claim 28 and add claim 32 as indicated below. A complete listing of the claims, including the amended claims follows.

Claims 1-27 (cancelled)

28. (currently amended) A baffle for a mixing dome housing, said baffle comprising:

a leading ~~downstream~~ upstream edge tapered ~~into~~ toward the housing;
~~an upstream~~ a trailing downstream edge wider than said ~~downstream~~ upstream edge; and

an arcuate portion connecting said upstream and downstream edges.

29. (original) The baffle of claim 28 wherein said baffle runs about 210 degrees from said tapered downstream end to said upstream edge.

30. (original) The baffle of claim 28 wherein said baffle has a surface area that is about one-half the cross sectional area of the housing.

31. (original) The baffle of claim 28 wherein said baffle has a paisley shape.

32. (new) A baffle for a mixing dome housing, said baffle comprising:

an outer edge;

an inner edge;

a downstream end; and

an upstream tapered end,

wherein said inner edge connects said upstream tapered end and said downstream end, and said inner edge is arcuate and configured to be attached to said mixing dome housing, and

further wherein said outer edge tapers toward said inner edge thereby defining said upstream tapered end.